

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

**Complete if Known**

Application Number	10/634,455
Filing Date	August 4, 2003
First Named Inventor	David J. Carpenter
Art Unit	2837
Examiner Name	J. Donels
Attorney Docket Number	101/06

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JD	1	US- 2,924,776	2/1960	Peterson	
JD	2	US- 2,958,250	11/1960	Poehler	
JD	3	US- 3,509,454	4/1970	Gossel	
JD	4	US- 3,631,756	1/1972	Mackworth-Young	
JD	5	US- 3,696,293	10/1972	Hoffman et al.	
JD	6	US- 3,722,353	3/1973	Westhaver	
JD	7	US- 3,766,818	10/1973	Prohofsky	
JD	8	US- 3,901,120	8/1975	Youngquist	
JD	9	US- 3,968,719	7/1976	Sanderson	
JD	10	US- 3,982,184	9/1976	Sanderson	
JD	11	US- 4,014,242	3/1977	Sanderson	
JD	12	US- 4,018,124	4/1977	Rosado	
JD	13	US- 4,142,434	3/1979	Gross	
JD	14	US- 4,242,935	1/1981	Peterson et al.	
JD	15	US- 4,429,609	2/1984	Warrender	
JD	16	US- 4,732,071	3/1988	Deutsch	
JD	17	US- 4,796,509	1/1989	Mizuguchi et al.	
JD	18	US- 4,991,484	2/1991	Kawashima	
JD	19	US- 5,016,515	5/1991	Scott	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

/Jeffrey Donels/

Date  
Considered

10/25/2006

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JD	20	US- 5,056,398	10/1991	Adamson	
JD	21	US- 5,111,392	5/1992	Malin	
JD	22	US- 5,202,528	4/1993	Iwaoji	
JD	23	US- 5,285,711	2/1994	Sanderson	
JD	24	US- 5,349,130	9/1994	Iwaoji	
JD	25	US- 5,388,496	2/1995	Miller et al	
JD	26	US- 5,396,827	3/1995	Miller et al	
JD	27	US- 5,440,756	8/1995	Larson	
JD	28	US- 5,549,028	8/1996	Steinberger	
JD	29	US- 5,719,343	2/1998	Reyburn	
JD	30	US- 5,773,737	6/1998	Reyburn	
JD	31	US- 5,777,248	7/1998	Campbell	
JD	32	US- 5,780,759	7/1998	Szalay	
JD	33	US- 5,814,748	9/1998	Reyburn	
JD	34	US- 5,902,946	5/1999	Kogure et al.	
JD	35	US- 5,929,358	7/1999	Reyburn	
JD	36	US- 6,066,790	5/2000	Freeland et al	
JD	37	US- 6,137,046	10/2000	Kamiya	
JD	38	US- 6,529,843	3/2003	Carpenter	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JD	41	LATTARD, Influence of inharmonicity on the tuning of a piano-Measurements and mathematical simulation, J. ACOUST. SOC. AM. 94 (1), pp. 46-53, July 1993	
JD	42	FLETCHER, Normal Vibration Frequencies of a Stiff Piano String, J. ACOUST. SOC. AM. 36 (1), pp. 203-209, January 1964	
JD	43	YOUNG, Inharmonicity of Plain Wire Piano Strings, J. ACOUST. SOC. AM. 24 (3), pp. 267-273, May 1952.	
JD	44	ROBERTS, The Calculating Technician (1990), pp. 29-46.	
JD	45	BALDASSIN, On Pitch (1994), pp. 1-112 (entire book).	

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